

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20070062841"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 14:12
S2	993	(NAKAMURA near2 KAZUHIRO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:36
S3	1010	(SATO near2 SHOJI). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:38
S4	914	(WATANABE near2 YOSHIHIRO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:38
S5	82	(YOSHIZAWA near2 YUJI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:38
S6	71	(MURABAYASHI near2 SHINYA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:39
S7	731	(MATSUMOTO near2 HIDEKI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:43

S8	25	(NAKAMURA near2 TADAHISA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:43
S11	553	(SATO near2 DAISUKE). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:44
S10	155	(KOSEKI near2 JUNICHI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:44
S9	41	(KANEKO near2 NAOMASA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:44
S12	44	(NAKAI near2 TOSHI AKI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:45
S13	10	(YANASE near2 TAIKI). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:45
S14	84	(S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13) and mount\$3.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:47
S15	18	(S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13) and flange.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 19:48

S16	8	("20020017527"   "6332555"   "6357618"   "6679292").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:03
S17	28	("0506928"   "2553222"   "3286871"   "3289879"   "3696962"   "3897884"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"   "4828300"   "4998639"   "5050764"   "5678721"   "5704510").PN. OR ("6332555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/30 20:15
S19	1688	"220/327".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:17
S18	272	"220/328".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:17
S21	1845	"220/315".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:18
S22	712	S21 and (recess seal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:18
S20	666	S19 and (recess seal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:18

S23	509	S19 and (bolt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:18
S24	230	S21 and (bolt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:18
S29	2478	"220/378".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S34	748	"292/251".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S31	668	"220/562".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S33	386	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S27	264	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S25	208	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19

S26	154	"220/658".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S35	110	S34 and retain\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S28	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:19
S39	585	"215/274".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:20
S36	421	"215/276".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:20
S37	280	"215/283".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:20
S38	176	"215/280".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:20
S40	161	"215/273".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:20

S42	362	"292/256.73".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:55
S41	316	"292/256.5".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:55
S43	259	"292/256.71".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 20:55
S44	45	(S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S16 S17 S18 S19 S21 S25 S26 S27 S28 S29 S31 S33 S34 S36 S37 S38 S39 S40 S41 S42 S43) and (annul\$2 adj retain\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/30 21:07
S45	208	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 10:07
S46	154	"220/658".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 10:40
S47	264	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 10:45
S48	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 10:51

S49	2478	"220/378".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 10:55
S50	431	S49 and bolt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 10:55
S51	668	"220/562".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 11:33
S52	146	S51 and bolt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 11:33
S53	386	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 11:46
S54	668	"220/562".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:13
S55	421	"215/276".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:22
S56	280	"215/283".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:34

S57	176	"215/280".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:37
S79	2478	"220/378".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S74	1845	"220/315".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S73	1688	"220/327".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S59	1010	(SATO near2 SHOJI). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S58	993	(NAKAMURA near2 KAZUHI RO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S60	914	(WATANABE near2 YOSHI HI RO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S81	748	"292/251".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40



S63	731	(MATSUMOTO near2 HIDEKI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S82	585	"215/274".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S67	553	(SATO near2 DAI SUKE). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S80	386	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S85	362	"292/256.73".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S87	325	(S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S54 S80 S81 S55 S56 S57 S82 S83 S84 S85 S86) and (annul\$2 near5 recess)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S84	316	"292/256.5".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S72	272	"220/328".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40

S77	264	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S86	259	"292/256.71".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S75	208	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S83	161	"215/273".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S66	155	(KOSEKI near2 JUNICHI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S76	154	"220/658".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S78	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S61	82	(YOSHIZAWA near2 YUJI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40

S62	71	(MURABAYASHI near2 SHINYA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S68	44	(NAKAI near2 TOSHI AKI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S65	41	(KANEKO near2 NAOMASA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S71	28	("0506928"   "2553222"   "3286871"   "3289879"   "3696962"   "3897884"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"   "4828300"   "4998639"   "5050764"   "5678721"   "5704510").PN. OR ("6332555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 13:40
S64	25	(NAKAMURA near2 TADAHI SA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S69	10	(YANASE near2 TAIKI). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40
S70	8	("20020017527"   "6332555"   "6357618"   "6679292").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:40

S92	286	"220/641".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:56
S91	245	"220/642".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:56
S88	191	"220/645".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:56
S90	70	"220/643".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:56
S89	41	"220/644".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 13:56
S93	214	(S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S54 S80 S81 S55 S56 S57 S82 S83 S84 S85 S86 S88 S89 S90 S91 S92) and (annul\$2 near5 retain \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:15
S94	7	(S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S54 S80 S81 S55 S56 S57 S82 S83 S84 S85 S86 S88 S89 S90 S91 S92) and (annul\$2 near5 integral \$2 near5 (recess notch))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:28

S95	168	("0506928"   "1317963"   "1689575"   "2180960"   "2330306"   "2370799"   "2486675"   "2553222"   "2590803"   "2757025"   "2800242"   "2837063"   "2939603"   "3015501"   "3042248"   "3072285"   "3098578"   "3113690"   "3181585"   "3286871"   "3289879"   "3339215"   "3418669"   "3445973"   "3464579"   "3581814"   "3666340"   "3688941"   "3696962"   "3709401"   "3846851"   "3897884"   "3991913"   "4052759"   "4075801"   "4090267"   "4144599"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"   "4828300"   "4998639"   "5050764"   "5058519"   "5133475"   "5678721"   "5704510").PN. OR ("1389542"   "2243796"   "2396469"   "2774508"   "3329447"   "3858752"   "4233697"   "5481790"   "6332555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 14:39
S96	17	(S58 S59 S60 S61 S62 S63 S64 S65 S66 S67 S68 S69 S70 S71 S72 S73 S74 S75 S76 S77 S78 S79 S84 S80 S81 S55 S56 S57 S82 S83 S84 S85 S86 S88 S89 S90 S91 S92 S95) and (retain\$3 adj (external outside outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:48

S100	2760	"220/324".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:51
S99	391	"220/325".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:51
S101	304	S100 and bolt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:51
S98	272	"220/254.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:51
S97	168	"220/254.2".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 14:51
S102	11	"1784480"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/01 15:11
S103	3	("1784480").URPN.	USPAT	OR	ON	2010/12/01 15:11
L43	2784	"220/324".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L26	2487	"220/378".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32

L21	1867	"220/315".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L20	1690	"220/327".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L46	1671	(L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L1 L27 L28 L2 L3 L4 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45) and (retain\$3 same (rest\$3 external outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L5	1018	(NAKAMURA near2 KAZUHIRO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L6	1018	(SATO near2 SHOJI). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L7	931	(WATANABE near2 YOSHIHIRO).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L28	748	"292/251".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32

L10	743	(MATSUMOTO near2 HIDEKI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L1	683	"220/562".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L14	607	(SATO near2 DAI SUKE). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L29	586	"215/274".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L2	423	"215/276".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L27	391	"220/582".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L42	391	"220/325".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L32	363	"292/256.73".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32



L31	318	"292/256.5".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L38	286	"220/641".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L41	283	"220/254.1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L3	280	"215/283".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L19	274	"220/328".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L24	265	"220/657".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L33	260	"292/256.71".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L37	246	"220/642".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32

L22	210	"220/659".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L34	191	"220/645".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L4	177	"215/280".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L40	176	"220/254.2".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L39	171	("0506928"   "1317963"   "1689575"   "2180960"   "2330306"   "2370799"   "2486675"   "2553222"   "2590803"   "2757025"   "2800242"   "2837063"   "2939603"   "3015501"   "3042248"   "3072285"   "3098578"   "3113690"   "3181585"   "3286871"   "3289879"   "3339215"   "3418669"   "3445973"   "3464579"   "3581814"   "3666340"   "3688941"   "3696962"   "3709401"   "3846851"   "3897884"   "3991913"   "4052759"   "4075801"   "4090267"   "4144599"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"   "4828300"	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 07:32

		"4998639"   "5050764"   "5058519"   "5133475"   "5678721"   "5704510").PN. OR ("1389542"   "2243796"   "2396469"   "2774508"   "3329447"   "3858752"   "4233697"   "5481790"   "6332555").URPN.				
L30	162	"215/273".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L13	157	(KOSEKI near2 JUNICHI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L23	156	"220/658".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L9	91	(MURABAYASHI near2 SHINYA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L25	85	"220/656".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L8	82	(YOSHIZAWA near2 YUJI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32

L36	71	"220/643".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L15	44	(NAKAI near2 TOSHI AKI).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L12	41	(KANEKO near2 NAOMASA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L35	41	"220/644".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L18	30	("0506928"   "2553222"   "3286871"   "3289879"   "3696962"   "3897884"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"   "4828300"   "4998639"   "5050764"   "5678721"   "5704510").PN. OR ("6332555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 07:32
L11	25	(NAKAMURA near2 TADAHISA).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L16	11	(YANASE near2 TAIKI). inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32

L44	11	"1784480"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L17	8	("20020017527"   "6332555"   "6357618"   "6679292").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:32
L45	3	("1784480").URPN.	USPAT	OR	ON	2011/04/21 07:32
L47	311	(L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L1 L27 L28 L2 L3 L4 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45) and (retain\$3 near5 (rest\$3 external outer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:39
L51	161	("0506928"   "1317963"   "1689575"   "2180960"   "2330306"   "2370799"   "2486675"   "2553222"   "2590803"   "2757025"   "2800242"   "2837063"   "2939603"   "3015501"   "3042248"   "3072285"   "3098578"   "3113690"   "3181585"   "3286871"   "3289879"   "3339215"   "3418669"   "3445973"   "3464579"   "3581814"   "3666340"   "3688941"   "3696962"   "3709401"   "3846851"   "3897884"   "3991913"   "4052759"   "4075801"   "4090267"   "4144599"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 07:48

		"4828300"   "4998639"   "5050764"   "5058519"   "5133475"   "5678721"   "5704510").PN. OR ("1389542"   "2243796"   "2396469"   "2774508"   "3858752"   "4233697"   "5481790"   "6332555").URPN.				
L53	2	WO-2009107521-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:53
L54	1	WO-2009107520-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:53
L55	2	"20090071930"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:54
L56	2	JP-2007076694-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:55
L57	19	"5503199"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:56
L58	3	"6773017"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:57

L59	127	"220/254.8".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:58
L63	982	"220/200".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L60	626	"220/581".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L67	199	"215/200".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L64	156	63 and retain\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L61	121	60 and retain\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L62	120	"220/639".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L66	66	60 and bolt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59

L65	55	63 and bolt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 07:59
L68	1089	"292/2".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 08:00
L72	314	"49/453".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 08:00
L71	221	"49/456".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 08:00
L70	165	"49/457".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 08:00
L69	133	68 and retain\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 08:00
L73	1113	"220/212".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 09:16
L74	314	73 and (bolt retain\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 09:16



L75	18	(5 6 7 8 9 10 11 12 13 14 15 16) and retain\$3. clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 09:21
L76	30	("0506928"   "2553222"   "3286871"   "3289879"   "3696962"   "3897884"   "4267940"   "4377245"   "4457445"   "4664281"   "4741453"   "4828300"   "4998639"   "5050764"   "5678721"   "5704510").PN. OR ("6332555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/21 09:26
L77	682	(1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 51 53 54 55 56 57 58 59 60 62 63 67 68 70 71 72 73) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 09:42
L78	173	(1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 51 53 54 55 56 57 58 59 60 62 63 67 68 70 71 72 73) and ((tank wall) near5 barrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/04/21 09:42

4/ 21/ 2011 10:25:50 AM

H:\ Workspaces\ 10-537640.wsp